



A typical street during and after a Combined Sewer Overflow (CSO) project.



SEWER FUND CAPITAL PROJECTS SUMMARY OF APPROPRIATIONS

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Resources:					
Pay -as-you-go Sewer Operating Fund	\$1,700,000	\$1,700,000	\$1,800,000	\$2,200,000	\$2,375,000
Amount to be Provided by General Obligations Bond Proceeds	1,000,000	550,000	450,000	50,000	
Amount to be Provided by Virginia Revolving Loans	3,000,000	6,750,000	7,250,000	9,962,500	7,250,000
Amount to be Provided by Grants	0	0	0	0	0
Total Estimated Resources	\$5,700,000	\$9,000,000	\$9,500,000	\$12,212,500	\$9,625,000
Locally Financed Projects:					
Major Collection System Repairs	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
Annual Sewer Extensions	400,000	400,000	400,000	400,000	400,000
Rainleader Disconnect Program	100,000	100,000	100,000	100,000	100,000
Burton Creek Interceptor Replacement	0	0	0	0	125,000
Waste Water Treatment Plant Improvements Projects Combined Sewer Overflow (CSO) Program Projects	250,000 250,000	250,000 1,000,000	250,000 1,000,000	250,000 1,000,000	250,000 1,000,000
Wastewater Treatment Plant Sodium Hypochlorite Process	1,200,000	1,000,000	1,000,000	1,000,000	1,000,000
wastewater Treatment Frant Soutum Trypochiorite Process	1,200,000	O	O	O	U
	\$2,700,000	\$2,250,000	\$2,250,000	\$2,250,000	\$2,375,000
Virginia Revolving Loan Fund Financed Projects					
Sewer separation/rehabilitation CSO	\$3,000,000	\$2,500,000	\$3,000,000	\$5,712,500	\$3,000,000
Upper Jarmes River Interceptor Replacement Project	0	4,250,000	4,250,000	4,250,000	4,250,000
	\$3,000,000	\$6,750,000	\$7,250,000	\$9,962,500	\$7,250,000
Grant Projects:					
Sewer separation/rehabilitation	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0
Total Proposed Projects	\$5,700,000	\$9,000,000	\$9,500,000	\$12,212,500	\$9,625,000



SEWER FUND CAPITAL PROJECTS FINANCING PLAN

As part of the annual budget process, the City appropriates funding for capital projects in accordance with the Five Year Capital Improvement Plan. Typically, the City conducts annual bond financings in the last half of each fiscal year. New bond issues are based on the expected cash flow requirements of projects between bond sales and may differ from funding requirements for annual appropriations.

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Balance Forward	\$22,009,512	\$10,700,579	\$11,389,230	\$13,564,230	\$16,726,730
Income:					
Pay -as-you-go Sewer Operating Fund	1,700,000	1,700,000	1,800,000	2,200,000	2,600,000
Grant Proceeds	1,500,000	0	0	0	0
General Obligation Bond Proceeds	0	1,700,000	0	0	0
Virginia Revolving Loan Fund Proceeds	3,000,000	6,750,000	7,250,000	9,962,500	7,250,000
Balance and Income	\$6,200,000	\$10,150,000	\$9,050,000	\$12,162,500	\$9,850,000
Cash Flow Requirements					
Incomplete local projects	\$1,883,281 (1)	\$411,349	\$0	\$0	\$0
Incomplete grant projects	990,000	0	0	0	0
Incomplete Virginia Revolving Loan Fund projects	4,372,652 (1)	0 (1)	0(1)	0	0
FY 2007-2011 CIP Local Projects	5,213,000 (1)	2,250,000 (1)	2,250,000 (1)	2,250,000	2,375,000
FY 2007-2011 CIP Vriginia Revolving Loan Fund projects	5,050,000 (1)	6,800,000 (1)	4,625,000 (1)	6,750,000	8,606,250
Total Expenditures	\$17,508,933	\$9,461,349	\$6,875,000	\$9,000,000	\$10,981,250
Balance Forward	\$10,700,579 (2)	\$11,389,230 (2)	\$13,564,230 (2)	\$16,726,730	\$15,595,480

⁽¹⁾ Source: Department of Public Works, Utilities Division

⁽²⁾ Balance forward provides estimated funding for projects until the annual bond sale and/or receipt of Virginia Revolving Loan Fund proceeds typically in the last half of the fiscal year.



FIVE-YEAR PROPOSED PROGRAMMING TO BE FINANCED BY THE CITY

Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
SEWER	<u> </u>	<u> </u>		•	
Annual Sewer Extensions	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000
Source of Funding					
Pay-As-You-Go	400,000	400,000	400,000	400,000	400,000
Burton Creek Interceptor Replacement	0	0	0	0	125,000
Source of Funding					
G.O. Bond	0	0	0	0	
Pay-As-You-Go	0	0	0	0	125,000
Combined Sewer Overflow (CSO) Program Projects	3,250,000	3,500,000	4,000,000	6,712,500	4,000,00
Source of Funding					
G.O. Bond	0	550,000	450,000	50,000	
Pay-As-You-Go	250,000	450,000	550,000	950,000	1,000,00
Other	3,000,000	2,500,000	3,000,000	5,712,500	3,000,00
Major Collection System Repairs	500,000	500,000	500,000	500,000	500,00
Source of Funding					
Pay-As-You-Go	500,000	500,000	500,000	500,000	500,00
Rainleader Disconnect Program (CSO)	100,000	100,000	100,000	100,000	100,00
Source of Funding Pay-As-You-Go	100,000	100,000	100,000	100,000	100,00
·	,	,	,	,	,
Upper James River Interceptor Replacement Project Source of Funding	0	4,250,000	4,250,000	4,250,000	4,250,00
Other	0	4,250,000	4,250,000	4,250,000	4,250,00
Wastewater Treatment Plant Sodium Hypochlorite Process	1,200,000	0	0	0	
Source of Funding					
G.O. Bond	1,000,000	0	0	0	
Pay-As-You-Go	200,000	0	0	0	
Wastewater Treatment Plant Projects	250,000	250,000	250,000	250,000	250,00
Source of Funding					
Pay-As-You-Go	250,000	250,000	250,000	250,000	250,00
Total Estimates Submitted 2007-2011 CIP	\$5,700,000	\$9,000,000	\$9,500,000	\$12,212,500	\$9,625,00
Source of Funding					
G.O. Bond	\$1,000,000	\$550,000	\$450,000	\$50,000	\$
Pay-As-You-Go	\$1,700,000	\$1,700,000	\$1,800,000	\$2,200,000	\$2,375,00
Other	\$3,000,000	\$6,750,000	\$7,250,000	. , ,	. /,- 0



FIVE-YEAR ESTIMATED NET COST	APPROPRIATIONS THROUGH 7/1/2005	ESTIMATED COST BEYOND PROGRAM PERIOD	TOTAL ACCUMULATED PROJECT COST
\$2,000,000	On-going	On-going	\$2,000,000
125,000	100,000	2,500,000	\$2,725,000
21,462,500	On-going	On-going	\$21,462,500
2,500,000	On-going	On-going	\$2,500,000
500,000	On-going	On-going	\$500,000
17,000,000	0	0	\$17,000,000
1,200,000	150,000	0	\$1,350,000
1,250,000	On-going	On-going	\$1,250,000
\$46,037,500			\$48,787,500
\$2,050,000 \$9,775,000 \$34,212,500 \$46,037,500			



CONTINUING PROJECTS THAT HAVE BEEN APPROPRIATED IN PRIOR YEARS

Project Title		Total Project Estimate	Total Estimated Expenditures Thru 6/30/06	Remaining Balance
SEWER				
Field Operations Facility		\$180,000	\$0	\$180,000
CSO 12.2		2,560,366	1,531,279	1,029,087
CSO 12.1		5,173,216	1,629,652	3,543,564
CSO 18.2		3,301,157	1,901,157	1,400,000
CSO 1-D3.1		310,540	160,540	150,000
Upper James River Inter Div 4,5,6		300,000	150,000	150,000
James River Inter.Div 3,4A		275,000	100,000	175,000
	TOTALS	\$12,100,279	\$5,472,627	\$6,627,652



SERVICE AREA **Sewer Fund**

PROJECT TITLE

DEPARTMENT Public Works

LOCATION Various location within City limits

PROJECT # (If existing)

N/A

ANNUAL SEWER EXTENSIONS

REQUEST TYPE If request is a revision from previous year's submission, please describe changes and explain reason for change

Continuation N/A



PROJECT DESCRIPTION

Provide for the extension of sanitary sewer lines into unserved areas of the City due to new construction, failed septic systems or economic development. Also used to reimburse developers per City Code for constructing City sewers.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with a dependable, modern, high quality water and sanitary sewer system with sufficient system capacity to meet the City's long term requirements.

PROJECT MANAGER(S) Lee Newland, Director of Engineering

PROJECT START DATE Recurring PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION New Construction/Expansion

TIMETABLE % Appropriation Needed Engineering & Architectural Construction

	FY	2007			FY	2008			FY	2009			FY	2010			FY 2	2011	
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4												
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS): Increases revenue from new sewer service customers and increased maintenance for new sewer lines.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05 Recurring

FY 2007 -2011 ESTIMATE \$2,000,000

BEYOND FY 2011 ESTIMATE Recurring

TOTAL PROJECT ESTIMATE Recurring

FIVE YEAR PROPOSED PROJECT <u>APPROPRIATION BY SUB-PROJECT</u>

Sub-Proiects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
Sub-1 rojects						
City Engineering Service Charges	40,000	40,000	40,000	40,000	40,000	\$200,000
Construction	360,000	360,000	360,000	360,000	360,000	\$1,800,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

						Program
Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Period Estimate
4022 Sewer Capital Project Fund	400,000	400,000	400,000	400,000	400,000	\$2,000,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	400,000	400,000	400,000	400,000	400,000	\$2,000,000
TOTAL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %):

LOCAL = 100%STATE = 0 FEDERAL = 0

OTHER = %

DEPARTMENT PRIORITY

Project represents additional essential services

Project contributes to generation of new revenue





SERVICE AREA **Sewer Fund**

DEPARTMENT Public Works

LOCATION Along Burton Creek and Rock Castle Creek and adjacent to Route 501 and Wards

Road

PROJECT TITLE

PROJECT # (If existing)

N/A

BURTON CREEK INTERCEPTOR REPLACEMENT

REQUEST TYPE Revision

If request is a revision from previous year's submission, please describe changes and explain reason for change

Delayed due to anticipated adequate capacity through at least 2012.



PROJECT DESCRIPTION

Replacement of 12,000 l.f. of the existing interceptor from Burton Creek/Custer Drive to Rock Castle Creek and Route 501. Recent flow studies indicate sufficient capacity through at least 2010.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S) Tim Mitchell, Director of Utilities

PROJECT START DATE O1 FY 2011 PROJECT COMPLETION DATE O4 FY 2011

FIXED ASSET DESIGNATION New Construction/Expansion

TIMETABLE % Appropriation Needed Engineering & Architectural Construction

	FY	2007			FY	2008			FY 2	2009			FY	2010			FY	2011	
Q1	Q2	Q3	Q4	Q1	Q2	Q3	<i>Q4</i>	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
																25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS): The overall impact to the operating budget will be negligible.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05

\$100,000

FY 2007 -2011 ESTIMATE \$125,000

BEYOND FY 2011 ESTIMATE

\$2,500,000

TOTAL PROJECT ESTIMATE \$2,725,000

FIVE YEAR PROPOSED PROJECT <u>APPROPRIATION</u> BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
Consultant Engineering					125,000	\$125,000
Construction						
TOTAL	\$ 0	\$ 0	\$0	\$0	\$125,000	\$125,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

						Program
Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Period Estimate
4022 Sewer Capital Project Fund					125,000	\$125,000
TOTAL	\$ 0	\$ 0	\$0	\$0	\$125,000	\$125,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: G.O. Bond						
Local: Pay-As-You-Go					225,000	\$225,000
TOTAL	\$ 0	\$ 0	\$0	\$0	\$225,000	\$225,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %):

LOCAL = 100%

STATE = 0

FEDERAL = 0

OTHER = %

DEPARTMENT PRIORITY



SERVICE AREA **DEPARTMENT** LOCATION **Sewer Fund Public Works** Various location within City limits

PROJECT TITLE

COMBINED SEWER OVERFLOW (CSO) PROGRAM PROJECTS (formerly sewer separation/rehabilitation (CSO)

REQUEST TYPE If request is a revision from previous year's submission, please describe changes and explain reason for change

Continuation N/A



PROJECT DESCRIPTION

Replacement and/or rehabilitation of combined sewers. In addition, waterlines and streets may be renewed as needed. Planned projects may be significantly impacted by the Midtown Connector and 5th Street Improvement Project and/or other water quality mandated projects.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion by 2020.

PROJECT MANAGER(S) CSO Program Manager

PROJECT START DATE Recurring PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION New Construction/Expansion

TIMETABLE % Appropriation Needed Land Acquisition Engineering &Architectural Construction

	FY	2007			FY	2008			FY	2009		FY 2010				FY 2011			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	<i>Q4</i>	Q1	Q2	Q3	Q4	Q1	Q2	Q3	<i>Q4</i>	Q1	Q2	Q3	<i>Q4</i>
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS):

Lessens routine maintenance of sewer collection system in the completed project areas.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

Recurring

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05

FY 2007 -2011 ESTIMATE \$21,462,500

BEYOND FY 2011 ESTIMATE Recurring

TOTAL PROJECT ESTIMATE Recurring

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
City Engineering Service Charges	20,000	20,000	20,000	24,000	20,000	\$104,000
Land Acquisitions/Right-of-Way	20,000	20,000	20,000	25,000	20,000	\$105,000
Consultant Engineering	75,000	75,000	80,000	85,000	80,000	\$395,000
Contract Administration (Contractual)	65,000	65,000	80,000	134,000	80,000	\$424,000
Inspections (Contractual)	97,500	97,500	120,000	201,000	120,000	\$636,000
Construction	2,972,500	3,222,500	3,680,000	6,243,500	3,680,000	\$19,798,500
TOTAL	\$3,250,000	\$3,500,000	\$4,000,000	\$6,712,500	\$4,000,000	\$21,462,500

FIVE YEAR PROPOSED PROJECT <u>APPROPRIATION BY FUND</u>

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4022 Sewer Capital Project Fund	250,000	1,000,000	1,000,000	1,000,000	1,000,000	\$4,250,000
4023 Sewer VCWRLF Capital Project						
Fund	3,000,000	2,500,000	3,000,000	5,712,500	3,000,000	\$17,212,500
TOTAL	\$3,250,000	\$3,500,000	\$4,000,000	\$6,712,500	\$4,000,000	\$21,462,500

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	250,000	450,000	550,000	950,000	1,000,000	\$3,200,000
Local: G.O. Bond	0	550,000	450,000	50,000	0	\$1,050,000
State: VCWRLF	3,000,000	2,500,000	3,000,000	5,712,500	3,000,000	\$17,212,500
TOTAL	\$3 250 000	\$3 500 000	\$4,000,000	\$6 712 500	\$5 375 000	\$21,462,500

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %):

LOCAL = 20% State = 80%

FEDERAL = 0Other = %

DEPARTMENT PRIORITY

THIS PROJECT ALSO HAS (A) COMPONENT (S) IN

Sewer VCWRLF Capital Projects Fun Water Capital Project Fund

Project has legal or regulatory mandate Project has State and Federal funding

LOCATION



SERVICE AREA Sewer Fund

DEPARTMENT **Public Works**

Various

PROJECT TITLE PROJECT # (If existing)

MAJOR COLLECTION SYSTEM REPAIRS

N/A

REQUEST TYPE

If request is a revision from previous year's submission, please describe changes and explain reason for change

Continuation N/A



PROJECT DESCRIPTION

Major repairs or replacement of the City's Wastewater Collection System. Costs of repairs are beyond normal operating budget for the Utility Division.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)
Phillip Martin, Utilities Engineer

PROJECT START DATE Recurring PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION Maintenance/Capital Outlay

TIMETABLE

% Appropriation Needed
Engineering & Architectural
Construction

	FY	2007			FY	2008			FY	2009		FY 2010			FY 2011				
Q1	Q_2	Q3	Q4	Q1	Q2	Q3	<i>Q4</i>	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS): Lessens routine maintenance of sewer collection system in the completed project areas.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05 Recurring FY 2007 -2011 ESTIMATE \$2,500,000

BEYOND FY 2011 ESTIMATE Recurring

TOTAL PROJECT ESTIMATE Recurring

FIVE YEAR PROPOSED PROJECT <u>APPROPRIATION</u> BY SUB-PROJECT

C. I. D	EV 2007	FY 2008	FY 2009	EV 2010	FY 2011	Program
Sub-Projects	FY 2007	F 1 2008	F 1 2009	FY 2010	F 1 2011	Period Estimate
City Engineering Service Charges	30,000	30,000	30,000	30,000	30,000	\$150,000
Consultant Engineering	50,000	50,000	50,000	50,000	50,000	\$250,000
Construction	420,000	420,000	420,000	420,000	420,000	\$2,100,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

FIVE YEAR PROPOSED PROJECT <u>APPROPRIATION</u> BY FUND

						Program
Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Period Estimate
4022 Sewer Capital Project Fund	500,000	500,000	500,000	500,000	500,000	\$2,500,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	500,000	500,000	500,000	500,000	500,000	\$2,500,000
TOTAL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000

Sources of Project Funding FY 2007 – 2011 (in %):

Local = 100%

STATE = 0

FEDERAL = 0

OTHER = %

DEPARTMENT PRIORITY





SERVICE AREA DEPARTMENT LOCATION
Sewer Fund Public Works Various

PROJECT # (If existing)

N/A

PROJECT TITLE

RAINLEADER DISCONNECT PROGRAM (CSO)

REQUEST TYPE If request is a revision from previous year's submission, please describe changes and explain reason for change

Continuation N/A



PROJECT DESCRIPTION

As part of the CSO program, the project involves the removal of stormwater by disconnection of rainleaders, downspouts and area drains from the sanitary sewer system.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion of 2020.

PROJECT MANAGER(S) CSO Program Manager PROJECT START DATE Recurring PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION New Construction/Expansion

TIMETABLE

% Appropriation Needed
Engineering & Architectural
Construction

	FY	2007			FY	2008			FY	2009	009 FY 2010			FY 2011					
Q1	<i>Q2</i>	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS): Lessens routine maintenance of sewer collection system in the completed project areas.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05 FY 2007 -2011 ESTIMATE BEYOND FY 2011 ESTIMATE Recurring \$500,000 Recurring

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

						Program
Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Period Estimate
Consulting Services	50,000	50,000	50,000	50,000	50,000	\$250,000
Inspections (Contractual)	10,000	10,000	10,000	10,000	10,000	\$50,000
Miscellaneous-Disconnection Payments	40,000	40,000	40,000	40,000	40,000	\$200,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
4022 Sewer Capital Project Fund	100,000	100,000	100,000	100,000	100,000	\$500,000
Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	100,000	100,000	100,000	100,000	100,000	\$500,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %):

Local = 100% State = 0

FEDERAL = 0

OTHER = %

DEPARTMENT PRIORITY

Project has legal or regulatory mandate

LOCATION



SERVICE AREA **Sewer Fund**

DEPARTMENT Public Works

Blackwater Creek to Reusens Dam

PROJECT TITLE

UPPER JAMES RIVER INTERCEPTOR REPLACEMENT PROJECT

If request is a revision from previous year's submission, please describe changes and explain reason for change REQUEST TYPE

New



PROJECT DESCRIPTION

Replacement of approximately 21,700 lf. of large diameter sewer pipe from Blackwater Creek to Reusens Dam along the CSX Railway and the James River. The existing pipe is severely deteriorated in many places and must be replaced. A phased project over four years is required due to the cost.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.9, Goal 2: Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion by 2020.

PROJECT MANAGER(S) CSO Program Manager

PROJECT START DATE Q1 FY 2008 PROJECT COMPLETION DATE Q4 FY 2011

FIXED ASSET DESIGNATION New Construction/Expansion

TIMETABLE % Appropriation Needed Land Acquisition Engineering & Architectural Construction

	FY 2	2007			FY 2	2008	FY 2009			FY 2010				FY 2011					
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
				25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
				25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS): Lessens routine maintenance of sewer collection system in the completed project area.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

TOTAL PRIOR APPROPRIATION THROUGH 7/01/05 FY 2007 -2011 ESTIMATE BEYOND FY 2011 ESTIMATE TOTAL PROJECT ESTIMATE \$17,000,000 N/A \$17,000,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
Contract Administration (Contractual)	0	20,000	20,000	20,000	20,000	\$80,000
Inspections (Contractual)	0	50,000	50,000	50,000	50,000	\$200,000
Construction	0	4,180,000	4,180,000	4,180,000	4,180,000	\$16,720,000
TOTAL	\$0	\$4,250,000	\$4,250,000	\$4,250,000	\$4,250,000	\$17,000,000

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4023 Sewer VCWRLF Capital Project	112007	112000	11200>	112010	112011	20100 23111100
Fund	0	\$4,250,000	\$4,250,000	\$4,250,000	\$4,250,000	\$17,000,000
TOTAL	\$0	\$4,250,000	\$4,250,000	\$4,250,000	\$4,250,000	\$17,000,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
State: VCWRLF	0	4,250,000	4,250,000	4,250,000	4,250,000	\$17,000,000
TOTAL	\$0	\$4,250,000	\$4,250,000	\$4,250,000	\$4,250,000	\$17,000,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL = 0 State = 100% FEDERAL = 0OTHER = %

DEPARTMENT PRIORITY THIS PROJECT ALSO HAS (A) COMPONENT (S) IN Project has legal or regulatory mandate ☐ City Capital Fund Project has State and Federal funding

Sewer VCWRLF Capital Projects

□ Project supports essential services

☐ Water Capital Project Fund

CITY OF LYNCHBURG, VIRGINIA



SERVICE AREA **DEPARTMENT** LOCATION **Sewer Fund Public Works** Waste Water Treatment Plant on Concord Turnpike

PROJECT TITLE PROJECT # (If existing)

WASTEWATER TREATMENT PLANT SODIUM HYPOCHLORITE PROCESS

N/A

REQUEST TYPE

If request is a revision from previous year's submission, please describe changes and explain reason for change

Revision Changed name and updated cost



PROJECT DESCRIPTION

In keeping with the City's desire to remove all gas or liquid chlorine hazard from the treatment system, the project will install a new disinfection process using sodium hypochlorite liquid.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S) Steve Shenk, Utilities Engineer

PROJECT START DATE Q1 FY 2007 PROJECT COMPLETION DATE Q4 FY 2007

FIXED ASSET DESIGNATION New Construction/Expansion

TIMETABLE % Appropriation Needed Engineering &Architectural Construction

	FY	2007			FY	2008			FY	2009			FY	2010		FY 20			
Q1	Q2	Q3	<i>Q4</i>	Q1	Q2	Q3	<i>Q4</i>	Q1	Q2	Q3	Q4	Q1	Q2	Q3	<i>Q4</i>	Q1	Q2	Q3	Q4
25	25	25	25																
25	25	25	25																

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS): Increase in chemical cost

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

Total Prior Appropriation through 7/01/05FY 2007 -2011 ESTIMATE

BEYOND FY 2011 ESTIMATE

TOTAL PROJECT ESTIMATE

\$1,350,000

\$150,000

\$1,200,000

\$0

FIVE YEAR PROPOSED PROJECT <u>APPROPRIATION BY SUB-PROJECT</u>

Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
Consultant Engineering						\$ 0
Contract Administration (Contractual)	15,000					\$15,000
Inspections (Contractual)	10,000					\$10,000
Construction	1,175,000					\$1,175,000
TOTAL	\$1,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$1,200,000

FIVE YEAR PROPOSED PROJECT <u>APPROPRIATION</u> BY FUND

Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Program Period Estimate
4022 Sewer Capital Project Fund	1,200,000					\$1,200,000
TOTAL	\$1,200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$1,200,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	200,000					\$200,000
Local: G. O. Bond	1,000,000					\$1,000,000
TOTAL	\$1,200,000	\$0	\$ 0	\$ 0	\$ 0	\$1,200,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %): LOCAL = 100%

STATE = 0

FEDERAL = 0

OTHER = %

DEPARTMENT PRIORITY



SERVICE AREA Sewer Fund

PROJECT TITLE

DEPARTMENT **Public Works**

LOCATION Waste Water Treatment Plant

PROJECT # (If existing)

WASTE WATER TREATMENT PLANT IMPROVEMENTS PROJECTS

N/A

REQUEST TYPE

If request is a revision from previous year's submission, please describe changes and explain reason for change

Revision Changed yearly amount



PROJECT DESCRIPTION

General repairs, replacement or renovation to major plant process equipment or structures at the waste water treatment plant. This funding is set aside for unanticipated expenditures for major capital equipment replacement as failures occur to maintain compliance with regulatory requirements. Security improvements include replacement and installation of improved camera surveillance; access controls; controlled access gates; security fencing and area lighting.

RELATIONSHIP TO COMPREHENSIVE PLAN

Chapter 15, Page 15.7, Goal 1: Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

PROJECT MANAGER(S)
Steve Shenk, Utilities Engineer

PROJECT START DATE Recurring PROJECT COMPLETION DATE Recurring

FIXED ASSET DESIGNATION New Construction/Expansion

TIMETABLE
% Appropriation Needed
Engineering & Architectural
Construction

	FYZ	2007			FY 2008 FY 2009 FY 2010			FY 2009 F				FY 2011							
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

OPERATING BUDGET IMPACT (OVERALL OPERATING EXPENSES AND PROJECTED STAFFING REQUIREMENTS): Lessens the impact on overall sewer operating budget for large plant equipment.

TOTAL PROJECT ESTIMATE (FOR THE COMPLETE LIFESPAN OF PROJECT)

Total Prior Appropriation through 7/31/04 FY 2006 -2010 Estimate Beyond FY 2010 Estimate Total Project Estimate Recurring \$1,250,000 Recurring

FIVE YEAR PROPOSED PROJECT APPROPRIATION BY SUB-PROJECT

						Program
Sub-Projects	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Period Estimate
Consultant Engineering	10,000	10,000	10,000	10,000	10,000	\$50,000
Construction	230,000	230,000	230,000	230,000	230,000	\$1,150,000
Contingency	10,000	10,000	10,000	10,000	10,000	\$50,000
TOTAL	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

FIVE YEAR PROPOSED PROJECT <u>APPROPRIATION</u> BY FUND

						Program
Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Period Estimate
4022 Sewer Capital Project Fund	250,000	250,000	250,000	250,000	250,000	\$1,250,000
TOTAL	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000

FIVE YEAR PROPOSED PROJECT EXPENDITURE CASH FLOW PROJECTIONS BY SOURCE OF FUNDING

Funding Source	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	Total Funding
Local: Pay-As-You-Go	250,000	250,000	250,000	250,000	375,000	\$1,375,000
TOTAL	\$250,000	\$250,000	\$250,000	\$250,000	\$375,000	\$1,375,000

SOURCES OF PROJECT FUNDING FY 2007 – 2011 (IN %):

Local = 100%

STATE = %

FEDERAL = %

OTHER = %

DEPARTMENT PRIORITY